

Abstract Of The Disclosure

An abrader device for delivering a substance into skin via an abrasion process includes a housing adapted to be pressed against the skin at a desired delivery site, an applicator head disposed in an upper opening of the housing and movable across a lower opening of the housing to abrade the delivery site in at least one furrow, and an abrader surface attached to the applicator head whereby the housing remains firm and stationary at the delivery site and structure of the housing and the applicator head controls parameters of the abrasion process. In particular, the amount of force or pressure applied to the abrader surface, the speed at which the abrader surface moves across the skin and the number of lateral passes of the abrader surface across the skin are controlled so that the abrader device provides a furrow with a length of substantially the same depth thereby providing reproducible results, even though different technicians are applying the abrader device against a patient's skin.